




## COMPENSATION FOR RAMAN EFFECT BY PUMPING IN WAVELENGTH DIVISION MULTIPLEXING TRANSMISSION SYSTEM

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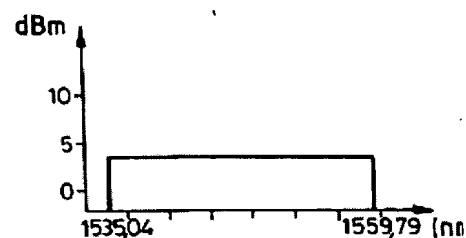
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Short wavelength pump signals about 15 THz higher in frequency than the wavelength multiplexed signals in the guide are injected in either direction into the guide. This corrects the Raman resonance induced gain slope (4), by making use of the effect that Raman slope depends only on total power injected.

FIG\_2



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